

# Converting Colors

Hex(502736)

Have a look what the booklet for  
Hex(502736) contains.

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# Color

**Hex(502736)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	502736
RGB	80, 39, 54
RGB Percent	31%, 15%, 21%
CMY	0.6863, 0.8471, 0.7882
CMYK	0.00, 0.51, 0.32, 0.69
HSL	338°, 34%, 23%
HSV	338°, 51%, 31%
XYZ	4.6996, 3.4229, 3.9030
YIQ	52.9690, 19.6210, 13.3570

# Conversions

## Conversions Part 2

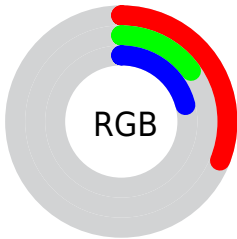
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	80, 39, 54
Decimal	5252918
CIE <sub>Lab</sub>	21.66, 21.18, -1.01
CIE <sub>LCh</sub>	22, 21.199, 357.277
Yxy	3.4229, 0.3908, 0.2846
Android (android.graphics.Color)	4283442998 (0xFF502736)
YUV	52.9690, 0.5083, 23.7062
Hunter-Lab	18.5010, 12.9662, 0.4427

# Details

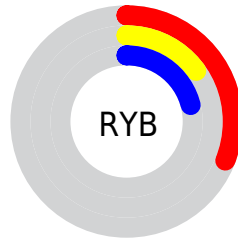
The Hex color **502736** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **275041**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **835565**, and **250009** is the 20% darker color. If you saturate the color by 10%, you get **501F31**, and if you desaturate by 10%, it is **502F3B**.

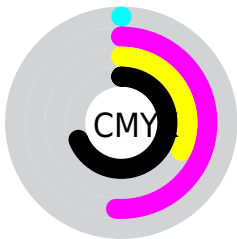
# Distribution



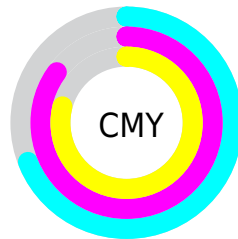
- Red (31%)
- Green (15%)
- Blue (21%)



- Red (31%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (51%)
- Yellow (32%)
- Black (69%)



- Cyan (69%)
- Magenta (85%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 502736 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 502736 by changing the saturation by 10% instead.



■ 502736

■ 502736

FFFFFF

■ 381121

■ 835565

■ 250009

■ 9D6E7E

■ 000000

■ B98897

■ D5A2B2

■ F1BDCE

■ FFD9EA

■ FFF6FF

■ 502736

■ 502736

■ 501F31

■ 502F3B

■ 50172C

■ 503740

■ 500F27

■ 503F45

■ 500722

■ 50474A

■ 50001D

■ 504F4F

■ 505754

■ 505F5A

■ 50675F

■ 506F64

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



462A45



502736



512826

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



502736



2F3717



003A4E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



502736



275041

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003C42



502736



1C3A22

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



502736



3F3314



003C32



153653

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



502736



4E2B1E



003C32



003B4B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



502736



69595F



412750



362C2F



B5B5B5



363636



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



502736



69283F



502C27



292526



690026



E80055



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



502736



69283F



274B50



292526



690026

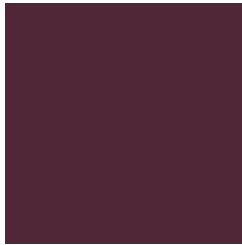


E80055



# Previews

## White Background



This preview shows how the Hex color 502736 looks on a white background.

## Color Contrast Check

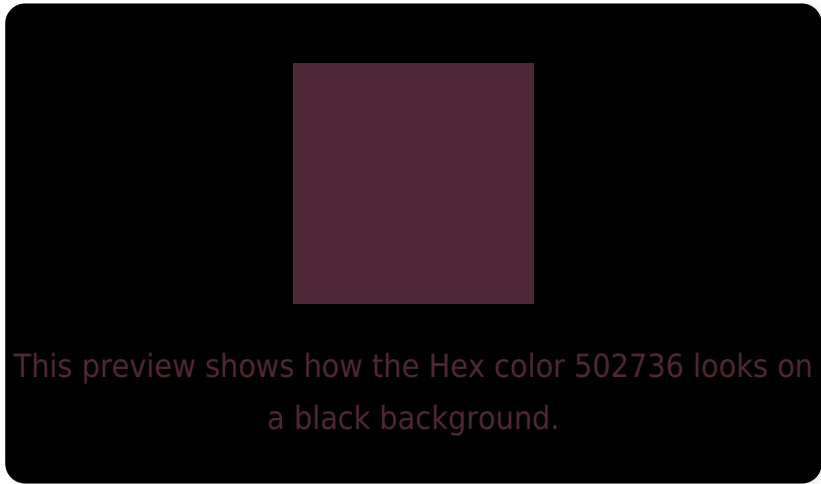
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

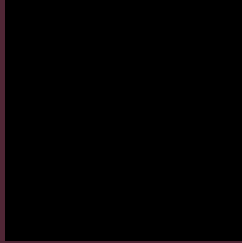
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 502736 Background



This preview shows how black text looks on a background with the Hex color 502736.



This preview shows how white text looks on a background with the Hex color 502736.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
502736

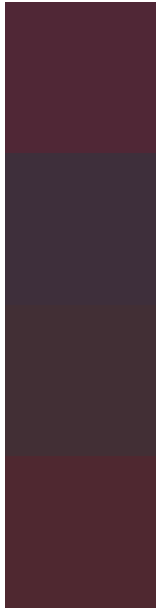
**Protanopia**  
33343E

**Deuteranopia**  
3A3334



**Tritanopia**  
4F292C

# Trichromacy



**Original Color**  
502736

**Protanomaly**  
3E2F3B

**Deuteranomaly**  
422F35

**Tritanomaly**  
4F2830

# Monochromacy



**Original Color**  
502736

**Achromatopsia**  
353535

**Achromatomaly**  
3F3035

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 502736 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #502736 looks like.

```
.text, #text, p{  
    color:#502736  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #502736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502736
}
```

## Border

The CSS property to change the border of an element to Hex 502736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

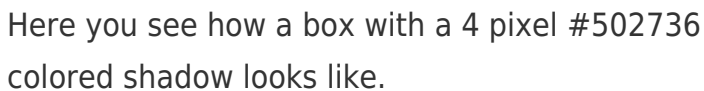
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#502736 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#502736 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #502736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502736; -webkit-box-shadow:4px 4px  
4px 4px #502736; box-shadow:4px 4px 4px  
4px #502736 }
```

# Background

The CSS property to change the background color of an element to Hex 502736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502736 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#502736 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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